

U. S. DEPARTMENT OF AGRICULTURE
WEATHER BUREAU

CHARLES F. MARVIN, CHIEF

CLIMATOLOGICAL DATA

NEW ENGLAND SECTION

MAY, 1916

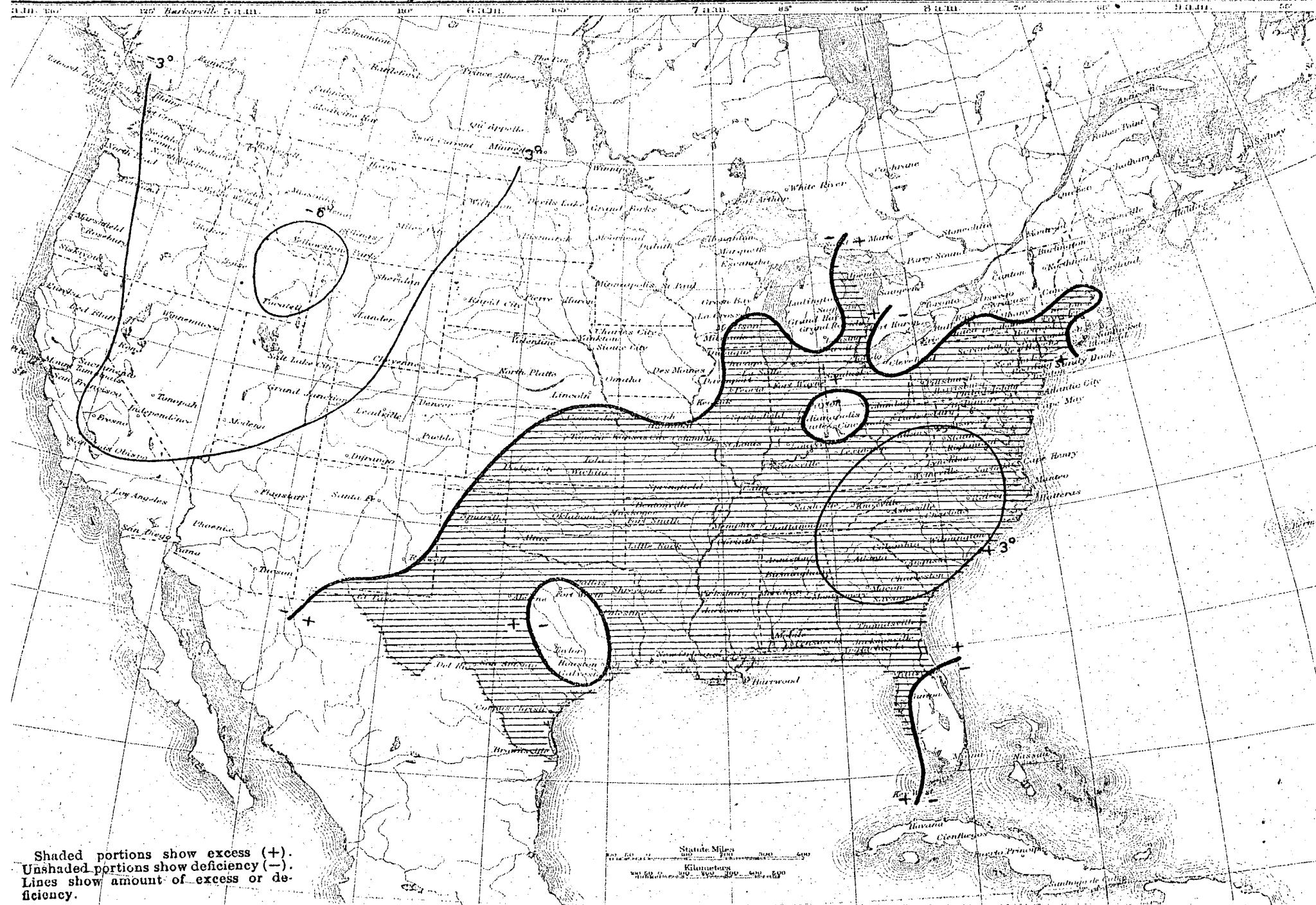
BY

JOHN W. SMITH
METEOROLOGIST



BOSTON, MASS.
WEATHER BUREAU OFFICE
JUNE 19, 1916

Departure of the Mean Temperature from the Normal, May, 1916.



Shaded portions show excess (+).
Unshaded portions show deficiency (-).
Lines show amount of excess or deficiency.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

NEW ENGLAND SECTION.

J. W. SMITH, Meteorologist.

VOL. XXVIII. BOSTON, MASS., MAY, 1916. No. 5.

GENERAL SUMMARY.

The month was cloudy and cool with precipitation above the normal. Although the average temperature was but little below the normal, the day temperatures were, as a rule, low, with no "warm days," with temperature of 90° or above that usually occur at this season. Rain in copious amounts was frequent, few stations having less than three inches. The rainfall on the 16-17th was particularly heavy in southwestern Maine and southeastern New Hampshire, where amounts exceeding 4.00 inches in 24 hours were general, damaging highways and manufacturing interests on the rivers. The greatest amount reported on the 17th was 6.72 inches at Durham, N. H. Heavy and killing frosts occurred in many localities during the first half of the month, but owing to the backward condition of vegetation, caused no damage. At the end of the month the season was considered to be about two weeks later than usual.

PRESSURE.

The mean sea-level atmospheric pressure for the section, 14 stations reporting, was 29.89 inches, which was the same as that of May, 1915, and 0.08 inch below the normal for the month. The highest monthly mean was 29.92 inches, at Fall River, Mass.; the lowest, 29.86 inches, at Eastport, Me. The highest recorded was 30.37 inches, at Burlington, Vt., on the 14th; the lowest, 29.18 inches, at Blue Hill Observatory, Hyde Park, Mass., on the 17th. The monthly range for the section was 1.19 inches.

TEMPERATURE.

The monthly mean for the section, as shown by the records of 83 stations, was 54.8° , which was 2.0° above the mean for May, 1915. During the past 28 years the average May temperature has been higher in 15 and lower in 13 years than that of the month in the present year. The highest average May temperature during this time was 60.6° , in 1911; the lowest, 49.9° , in 1907. The average temperature for the several states of the section, was as follows: Maine, 52.5° ; New Hampshire, 54.4° ; Vermont, 53.4° ; Massachusetts, 56.7° ; Rhode Island, 54.1° ; Connecticut, 57.3° . The average temperature for the section was 0.4° below the normal. The departures from the normal for the several states were as follows: Maine, -0.1° ; New Hampshire, -0.8° ; Vermont, -1.1° ; Massachusetts, $+0.2^{\circ}$; Rhode Island, -1.3° ; Connecticut, 0.0° . The highest monthly mean was 61.2° , at Westboro, Mass.; the lowest, 47.6° , at Eastport, Me. The highest recorded was 89° , at Torrington, Conn., on the 25th; the lowest, 24° , at Bloomfield and Enosburg Falls, Vt., on the 10th. The greatest local monthly range was 58° , at Bloomfield, Cavendish, Hyde Park and Woodstock, Vt.; the least, 30° , at Block Island, R. I., and Nantucket, Mass. The greatest daily range was 47° , at Torrington, Conn., on the 10th.

HUMIDITY.

The monthly average for the section, as determined from observations taken at 8 a. m. and 8 p. m., 14 stations reporting, was 72 per cent, which was 3 per cent above that of May, 1915, and 3 per cent below the normal for the month. The highest monthly average was 87 per cent, at Block Island, R. I.; the lowest, 67 per cent, at Northfield, Vt., and Hartford, Conn.

PRECIPITATION.

The average for the section, as shown by the records of 83 stations, was 3.85-inches, which was 1.63 inches above the average of May, 1915. During the past 28 years the average May

precipitation has been greater in 12 and less in 16 years than that of the present year. The greatest average May precipitation during this time was 5.83 inches, in 1901; the least, 0.68 inch, in 1903. The average precipitation for the several states of the section, was as follows: Maine, 4.36 inches; New Hampshire, 3.94; Vermont, 3.42; Massachusetts, 3.53; Rhode Island, 3.86; Connecticut, 3.87. The average precipitation for the section was 0.47 inch above the normal for the month. The departures from the normal for the several states, were as follows: Maine, $+1.06$ inches; New Hampshire, $+0.69$; Vermont, $+0.22$; Massachusetts, $+0.13$; Rhode Island, $+0.08$; Connecticut, $+0.27$. The greatest monthly amount was 7.78 inches, at Durham, N. H.; the least, 1.09 inches, at Houlton, Me. The greatest amount in any 24 hours was 6.72 inches, at Durham, N. H., on the 17th. The only snowfall reported was a trace at Portland, Me., on the 3d. The average number of days with .01 inch or more of precipitation was 11, which is the normal number for the month.

WIND.

The prevailing direction of the wind was from the northwest; the normal direction for the month is from the southwest, as determined from the records of the past 29 years. The average monthly wind movement for the section, 14 stations reporting, was 7,639 miles. The greatest monthly wind movement was 11,279 miles, at Block Island, R. I.; the least, 4,407 miles, at Concord, N. H. The average hourly velocity was 10.3 miles, which was 0.2 mile above that of May, 1915, and 0.2 mile below the normal average hourly velocity for May. The highest recorded velocity was 63 miles per hour from the west, at Blue Hill Observatory, Hyde Park, Mass., on the 12th. This is somewhat greater than the usual maximum velocity in May.

SUNSHINE AND CLOUDINESS.

The average number of clear days for the section was 10; partly cloudy, 11; cloudy, 10, which compares with the normal for May of 11 clear, 10 partly cloudy, and 10 cloudy days. The average percentage of possible sunshine, as determined from the records of 11 stations having self-recording instruments, was 49, which was 7 per cent below the average for May, 1915, and 5 per cent below the normal for the month, as determined from the records of the past 24 years. The greatest percentage of possible sunshine in any May since the beginning of the automatic records in 1893, was 78, in 1903; the least, 39, in 1907.

DATES OF MISCELLANEOUS PHENOMENA.

Halos, Lunar.—Enosburg Falls, Vt., 15; New Haven, Conn., 12.

Killing frosts.—Grafton, N. H., 13, 14; Nashua, N. H., Northfield, Vt., Blue Hill, Mass., 10; Bloomfield and St. Johnsbury, Vt., 3, 10, 14; Amherst, Mass., 19.

Auroras.—Cornish, Madison, Me., Bethlehem, Hanover, N. H., Burlington, Vt., Blue Hill, Mass., Hartford, New Haven, Conn., 21; Eastport, Me., Northfield, Vt., 2, 21; Millinocket and North Bridgton, Me., 2; Enosburg Falls, Vt., 8.

Halos, Solar.—Eastport, Me., 5, 15; North Bridgton, Me., 14; Bethlehem, N. H., 22; Northfield, Vt., 5, 6, 8, 10, 11, 22, 27; Woodstock, Vt., 5, 10, 22, 29; Blue Hill, Mass., and New Haven, Conn., 8, 10, 22; Boston, Mass., 10, 22, 27; Nantucket, Mass., 22; Somerset, Mass., 10, 22; Norwalk, Conn., 11.

Thunderstorms (dates and number of observers reporting on each): Maine—7th, 4; 10th, 1; 11th, 2; 13th, 2; 22d, 1; 24th, 5; 25th, 5; 29th, 2. New Hampshire—4th, 1; 7th, 11; 8th, 3; 9th, 1; 11th, 3; 16th, 2; 30th, 4. Vermont—7th, 4; 8th, 2; 9th, 1; 10th, 1; 11th, 4; 16th, 5; 24th, 2; 25th, 1; 30th, 3. Massachusetts—3d, 2; 4th, 7; 7th, 4; 8th, 8; 9th, 2; 10th, 1; 11th, 1; 14th, 1; 15th, 1; 20th, 9; 25th, 1; 28th, 1; 29th, 5; 30th, 4; 31st, 1. Rhode Island—8th, 7; 15th, 1; 17th, 2; 20th, 3; 26th, 1; 28th, 2; 29th, 4. Connecticut—2d, 1; 8th, 13; 9th, 3; 15th, 4; 20th, 4; 28th, 8; 29th, 8; 30th, 7; 31st, 1.

CLIMATOLOGICAL REPORT: NEW ENGLAND SECTION.

MAY, 1916.

Climatological Data for May, 1916.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahr.				Precipitation, in inches.				No. of days.			Prevailing direction of wind.	Observer.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall (unfilled).	With precipitation 0.01 or more.	Clear.	Partly cloudy.	Cloudy.		
<i>Maine.</i>																				
Bar Harbor §.	Hancock.	20	30	51.8	-0.2	76	13	28	4	37	8.50	+0.01	2.60	0	6	15	9	7	sw.	William Miller.
Cornish.		778	61	55.8	+0.7	84	29	32	1†	39	5.46	+1.54	4.04	0	9	16	9	7	e.	T. H. West.
Eastport.	Washington.	53	44	47.6	+0.7	74	11	34	1	35	1.38	-2.42	0.88	0	16	2	14	15	s.	U. S. Weather Bureau.
Fairfield.	Somerset.	90	31	54.0	-0.1	78	29	30	14	36	2.18	-0.70	0.95	0	5	18	8	5	...	E. F. Parker.
Farmington.	Franklin.	450	19	53.2	-0.9	83	29	28	5†	40	6.79	+3.04	3.21	0	14	3	17	11	DW.	State Normal School.
Gardiner §.	Kennebec.	163	24	54.3	-1.0	79	29	33	1	33	4.65	+1.03	2.84	0	16	14	10	7	sw.	Samuel D. Soule.
Greenville.	Piscataquis.	1,140	12	49.9	...	79	29	26	2	39	4.59	+1.12	1.82	0	16	8	16	7	sw.	U. S. Weather Bureau.
Houlton.	Aroostook.	362	14	51.4	...	77	22	29	1	37	1.09	-1.09	0.60	0	4	8	16	7	sw.	Bangor & Aroostook RR.
Langtown.	Franklin.	50	44	50.4 ^a	-0.4	81 ^a	29	25 ^a	5	43 ^a	3.21	1.0 ^a	10 ^a	8 ^a	8	15	18	8	s.	Union Water Power Co.
Lewiston.	Androscoggin.	185	33	54.2	-0.4	79	29	37	1	28	6.46	+3.04	5.06	0	10 ^a	8 ^a	11 ^a	7	e.	William Jardine.
Madison §.	Somerset.	257	13	53.1	...	81	30	31	5	37	6.73	+2.84	3.60	0	13	22	7	7	w.	Great Northern Paper Co
Millinocket.	Penobscot.	886	13	53.0	...	80	29	27	15	40	4.01	+0.93	1.91	0	15	9	3	19	n.	C. L. Chadbourne.
North Bridgton.	Cumberland.	450	23	54.3	-0.6	83	29	31	1	38	6.45	+2.92	4.33	0	13	9	13	9	n.	Maine State College.
Orono §.	Penobscot.	129	47	54.2	+1.5	80	22	30	1	44	4.42	+1.04	1.91	0	12	18	5	8	nw.	Bangor & Aroostook RR.
Patten.	do.	550	14	52.2 ^b	...	80 ^b	29	25 ^b	1†	45	2.80	+0.16	1.20	0	6	13 ^b	3 ^b	12 ^b	se.	U. S. Weather Bureau.
Portland.	Cumberland.	99	45	52.4	-1.1	76	11	38	19	35	5.64	+1.97	4.86	T.	12	5	16	10	s.	E. M. Libby.
Presque Isle.	Aroostook.	1,000	7	50.8	...	75	22	25	1	32	3.44	0.0	1.05	0	11	12	9	10	e.	Charles A. Mixer.
Rumford §.	Oxford.	505	23	53.4	-0.3	80	29	34	5†	30	5.87	+2.36	3.45	0	13	19	3	9	nw.	Rev. J. M. Thomas.
Van Buren.	Aroostook.	510	12	50.7	...	75	22	26	1	39	4.85	+1.71	1.03	0	14	8	9	14	sw.	Hollingsworth & Whitney.
Winslow.	Kennebec.	90	21	54.0	+0.4	81	29	31	1	41	3.67	+0.56	...	0	11	13	10	8	sw.	
<i>New Hampshire.</i>																				
Alstead Center.	Cheshire.	1,120	12	55.0	-2.9	80	29	33	10	29	8.20	-0.08	2.08	0	11	19	5	7	sw.	Frank Dewing.
Bethlehem.	Grafton.	1,470	24	52.0	-2.0	79	27	30	10	38	3.48	+0.16	0.96	0	15	11	13	7	sw.	Benjamin Tucker.
Concord.	Merrimac.	350	56	55.4	-0.3	84	29	35	1	38	3.95	+0.71	2.77	0	11	10	13	8	nw.	U. S. Weather Bureau.
Durham §.	Stafford.	88	21	54.4	-0.4	80	25†	31	1	37	7.78	+4.90	6.72	0	10	11	12	8	nw.	N. H. Agr. College.
Franklin.	Merrimac.	440	17	55.9	-0.4	86	29	31	1†	44	4.56	+1.50	2.85	0	13	12	10	9	nw.	Dr. C. P. Webster.
Glencliff.	Grafton.	1,650	3	51.0	...	79	29	32	10	35	3.93	+0.63	1.59	0	11	7	13	11	nw.	State Sanatorium.
Grafton.	do.	863	30	52.8	-0.5	83	29	27	10	43	3.25	-0.29	2.15	0	7	17	6	8	w.	P. R. Kimball.
Hanover.	do.	603	82	54.8	-0.6	84	29	30	10	37	3.57	+5.25	1.77	0	10	3	14	14	s.	Dartmouth College.
Keene §.	Cheshire.	606	31	55.4	-0.9	83	29	28	10	41	3.25	+0.25	1.54	0	13	10	11	7	nw.	Samuel Wadsworth.
Nashua §.	Hillsboro.	125	31	57.5	+0.3	84	29	36	1†	36	5.02	+1.81	3.56	0	15	3	21	7	nw.	C. B. Stevens.
Newton.	Rockingham.	126	28	54.2	-1.0	81	25	29	1	41	5.26	+1.94	3.82	0	10	6	20	5	nw.	W. C. Gale.
Plymouth.	Grafton.	500	28	54.4	+0.8	85	29	30	14	41	3.88	+0.61	2.37	0	10	17	3	11	nw.	Mrs. Hattie G. Trow.
<i>Vermont.</i>																				
Bloomfield.	Essex.	9	51.6	...	82	29	24	10	40	3.26	+0.07	5.75	0	16	12	7	12	s.	Lyman Falls Power Co.	
Burlington.	Chittenden.	404	9	53.9	0.0	80	29	30	10	30	4.69	+1.86	1.63	0	14	1	15	16	s.	U. S. Weather Bureau.
Cavendish.	Windsor.	910	13	54.4	...	84	29	26	9	40	3.12	-0.01	1.90	0	7	11	14	6	w.	Colonial Power Co.
Chelsea.	Orange.	840	21	52.8	+0.2	81	29	25	10	40	3.69	+0.54	1.62	0	9	8	9	14	n.	W. F. Dewey.
Cornwall.	Adison.	517	23	55.6	-1.4	80	29	30	10	32	2.81	-0.23	1.50	0	10	8	15	8	n.	C. H. Lane.
Enosburg Falls.	Franklin.	601	25	51.2	-4.4	75	24 ^a	24	10	35	4.14	+0.53	1.56	0	15	11	14	6	nw.	J. W. Pomery.
Rhyme Park.	Lamoille.	576	4	52.9	...	83	29	25	10	33	3.23	0.27	1.07	0	10	7	10	14	w.	A. V. Wiswell.
Northfield.	Washington.	876	30	51.4	-2.1	79	27	30	10	35	3.83	+1.03	2.10	0	11	4	9	18	s.	U. S. Weather Bureau.
Somerset.	Windham.	2,096	5	49.6	...	71	25 ^a	28	2	34	3.94	...	1.21	0	16	8	13	10	nw.	Power Construction Co.
St. Johnsbury.	Caledonia.	711	23	54.9	-0.2	84	29	30	10	38	3.48	+0.39	1.04	0	13	10	11	11	s.	Fairbanks Museum.
Vermont.	Windham.	310	1	56.5	-1.3	85	29	38	3†	30	2.86	-0.37	1.02	0	9	11	7	13	se.	Conn. River Power Co.
Wells.	Rutland.	250	25	55.0	-0.4	80	29	34	10†	31	1.95	-1.51	0.85	0	11	4	20	7	sw.	E. R. Pember.
Woodstock.	Windsor.	700	24	55.0	-0.1	84	29	29	10	42	3.50	+0.13	2.08	0	6	10	10	11	sw.	John S. Eaton.
<i>Massachusetts.</i>																				
Amherst §.	Hampshire.	222	27	56.2	-0.8	82	29	36	10†	36	3.21	-0.27	0.96	0	12	9	9	13	sw.	Mass. Agr. College.
Blue Hill §§.	Norfolk.	640	32	55.0	-0.5	80	25	38	19	28	3.97	+0.60	2.07	0	15	8	11	12	s.	Blue Hill Observatory.
BOSTON.	Suffolk.	124	46	55.6	+2.0	85	25	44	1	28	2.83	-0.68	2.03	0	11	8	13	10	sw.	U. S. Weather Bureau.
Chestnut Hill §.	do.	124	36	55.3	+0.4	81	11 ^a	36	1	41	3.56	+0.02	1.50	0	16	23	0	8	...	Met. Water Board.
Clinton §.	Worcester.	370	20	56.8	...	81	28	39	9	28	3.30	-0.48	1.75	0	12	7	13	11	sw.	Do.
Concord §.	Middlesex.	139	26	56.4	+0.4	82	29	35	1	36	2.91	-0.22	1.75	0	13	7	13	11	nw.	Fred A. Tower.
Fall River.	Bristol.	200	50	56.6	-0.2	80	25	41	10	26	4.78	+1.02	2.37	0	15	6	23	2	w.	C. V. S. Remington.
Fitchburg §.	Worcester.	550	33	57.0	-0.3	86	29	35	10	35	3.30	-0.07	2.03	0	12	11	12	8	nw.	Dr. A. P. Mason.
Framingham §.	Middlesex.	160	36	55.7	+0.6	82	29 ^a	37	1	32	3.54	+0.12	1.33	0	13	6	20	5	w.	Met. Water Board.
Lawrence §.	Essex.	51	32	56.8	-1.3	82	25 ^a	36	1	34	4.74	+1.33	3.47	0	13	6	20	5	w.	Essex Company.
Lowell §.	Middlesex.	100	31	58.5	+1.0	81	29 ^a	37	1	35	4.29	+0.78	3.13	0	11	7	12	12	w.	U. S. Weather Bureau.
Nantucket.	47	30	52.0	-1.0	70	29	40	7	21	4.35	+1.68	1.44	0	14	7	12	12	sw.	City Engineer.	
New Bedford*.	Bristol.	88	104	57.2	+2.5	80	11 ^a	43	1	27	5.53	+1.61	3.17	0	12	11	9	11	e.	Miss L. B. Knapp.
Plymouth.	Provincetown.	50	31	53.9	-0.4	77	11	38	1	29	3.42	+0.18	1.21	0	12	11	9	10	sw.	Gideon Bowley.
Rockport §.	Essex.	49	29	53.9	-0.4	78	11 ^a	38	1	31	4.32	+0.18	1.35	0	13	6	15	8	s.	U. S. Army.
Rutland §.	Worcester.	1,160	14	53.3	-0.5	84	25	36	10†	37	4.98	+0.84	2.90	0	10	7	11	15	nw.	Turners Falls Co.
Springfield.	Hampden.	199	6	58.9	-0.5	84	25	39	19	31	3.04	-1.06	0.78	0	15	10	10	11	sw.	Miss E. W. Newcomb.
Turners Falls §.	Franklin.	200	39	57.4																

Daily Precipitation for May, 1916.

Stations.	Watershed.	Day of month.																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total				
Maine.																																					
Ashland.	St. John.	.15	.08					.02	.14			.11		.05			.02	.05	.49	.02					.08		.13	.74		.19	.16	.25	.02	2,65			
Bar Harbor.	Coast.		.10					T.	T.									* 2.60	T.															3.50			
Cambridge.	Kennebec.			T.	T.	.05			T.	.01			.28				.12	1.85	.85	.10	.14												5.14				
Cornish.	Saco.												.10				T.		24.4	.04	.01												5.46				
Danforth.	Penobscot.	.08																*																1.52			
Eastport***.	Coast.																		03	13	.15	.03											3.0				
Eustis.	Kennebec.	.02	.04	.23				.01	.01	.03	.02			.18	.04			.33	1.26	.72	.15	.03										1.38					
Fairfield.																			.93	1.11	.09	.10											2.18				
Farmington.																			.07	3.21	.82	.08	.05	T.									6.79				
Gardiner.																			.09	2.84	.28	.14	.05										4.65				
Greenville***.																			.12	1.82	.62	.10	T.										4.59				
Houlton.	St. John.																			.33															1.09		
Howe Brook.	Penobscot.	.24																	.06	.80	.05	T.											2.39				
Langtown.	Kennebec.																		.23	1.10	.27	.05	T.										2.65				
Lewiston.	Androscoggin.	.01	.07	.09				.01	.21	T.				T.	.05			T.		5.06	.15	.01										3.21					
Madison.	Kennebec.		*	.23															.36															6.46			
Millinocket.	Penobscot.	.05		.23															.09	1.91	.02	.15	T.										6.73				
North Bridgton.	Saco.			T.	.05													T.		14.4	.33	.24											4.08				
Oquossoc.	Androscoggin.																			.09	1.91	.03	.04										6.45				
Orono.	Penobscot.																			.20	1.20	T.													4.42		
Patten.																				.11	4.78	.04	T.											2.80			
Portland***.	Coast.	.01	.02	.06																T.														5.04			
Presque Isle.																				.15	T.														3.44		
Rumford.	St. John.	.25																		T.															5.87		
Van Buren.	Androscoggin.	T.	.02	.07	.03															.30	3.45	.36											4.85				
Winslow.	St. John.	.29		.14																.29	.03	T.													3.67		
New Hampshire.																																					
Allstead Center.	Connecticut.		T.	.02																																3.20	
Bethlehem.																																					3.48
Brookline.	Merrimack.	.03	.12	.15																																4.47	
Concord***.																																				3.95	
Durham.																																				7.78	
Franklin.																																				4.56	
Glencliff.																																				2.81	
Grafton.																																				3.93	
Hanover.	Connecticut.	.06	.02																																3.25		
Keene.																																				3.57	
Nashua.	Merrimack.	.04																																		3.25	
Newton.																																				5.02	
Plymouth.																																				5.26	
Vermont.																																					
Bloomfield.	Connecticut.	.19	.20																																	3.28	
Burlington***.	Champlain.	T.	.34																																	4.69	
Cavendish.	Connecticut.																																			3.12	
Chester.																																				3.69	
Cornwall.	Champlain.	T.	.10	.04																															2.81		
Enosburg Falls.																																					
Hyde Park.																																					
Northfield ***.	Champlain.	T.	.23	.18	T.																														3.23		
Somerset.	Connecticut.	*	46																																3.83		
St. Johnsbury.																																					
Vernon.																																					
Wells.	Champlain.	.12	.09																																	1.95	
Woodstock.	Connecticut.																																			3.50	
Massachusetts.																																					
Amherst.	Connecticut.																																			3.21	
Ashland.	Merrimack.																																				
Bakers Bridge.																																				3.08	
Bedford.																																				3.24	
Blue Hill.	Coast.	T.	.01	.35	T.																													3.97			
Boston ***.																																				3.97	
Brockton.																																					
Chestnut Hill.																																					
Clinton.	Merrimack.																																			3.56	
Concord.																																				3.30	
Fall River.	Coast.	.02																																		4.24	
Fitchburg.	Merrimack.	T.	.02																																4.78		
Framingham.																																				3.30	
Haverhill.																																					

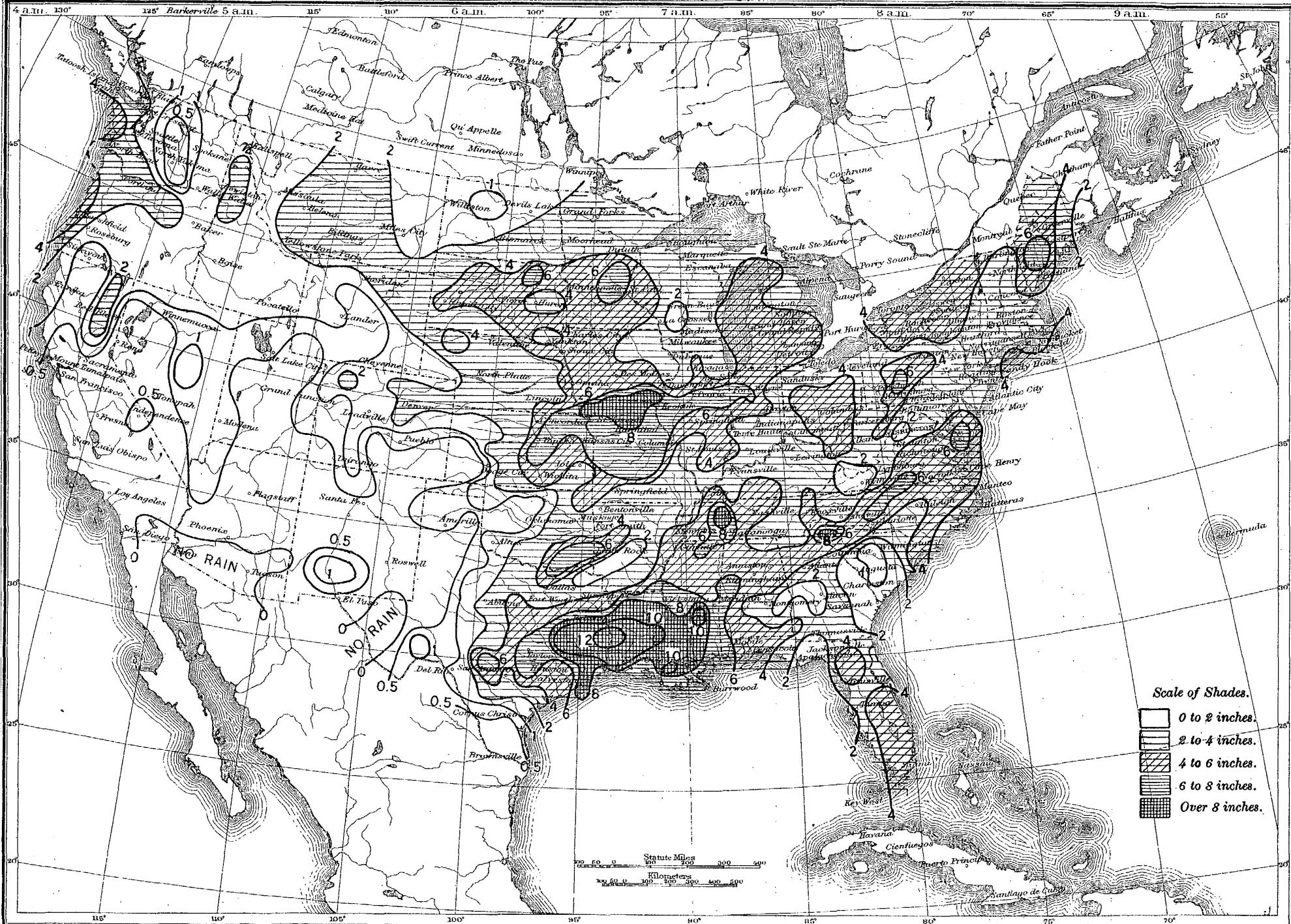
CLIMATOLOGICAL REPORT: NEW ENGLAND SECTION.

MAY, 1916.

Daily Temperatures for May, 1916.

Stations.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Mean.
<i>Maine.</i>																																
Bar Harbor	{ Maximum ..	58	69	60	53	60	62	60	62	58	68	68	70	76	72	70	69	68	62	60	60	68	62	66	60	68	66	64	68	64	64	
	Minimum ..	32	35	40	27	40	38	40	35	35	42	44	42	40	35	36	42	40	38	35	34	38	33	34	38	36	50	46	34	46	38	8.8
Cornish	{ Maximum ..	71	74	62	68	63	74	77	72	68	66	79	65	70	70	57	50	46	60	60	71	75	77	54	75	83	73	57	84	66	68.5	
	Minimum ..	32	42	32	44	33	40	43	38	43	45	46	39	32	39	43	49	41	37	39	48	38	47	45	48	44	51	53	54	53	42.1	
Eastport	{ Maximum ..	50	54	55	61	52	48	46	56	59	59	74	57	58	59	58	46	49	43	45	46	52	56	54	51	55	67	60	55	48	54	52.2
	Minimum ..	34	38	40	40	39	37	36	39	42	38	39	46	41	41	39	39	40	39	39	42	38	38	39	41	41	48	43	42	43	40.1	
Greenville	{ Maximum ..	68	58	60	50	64	70	64	66	56	59	67	53	59	53	60	64	46	47	59	57	69	66	58	70	66	60	69	64	60	69.9	
	Minimum ..	32	26	31	37	29	43	39	35	42	33	42	34	37	35	33	39	37	38	39	41	47	35	42	42	43	47	44	50	47	46	38.9
Millinocket	{ Maximum ..	69	63	63	59	65	74	72	66	62	61	71	64	58	61	64	60	43	54	52	65	74	75	65	70	63	68	74	80	63	67	65.0
	Minimum ..	29	39	36	41	28	43	36	33	43	34	45	47	40	35	27	43	39	40	40	41	47	40	44	44	50	41	33	51	51	48	40.9
Orono	{ Maximum ..	68	70	68	65	65	73	74	67	66	63	75	76	64	64	69	70	64	53	64	62	70	40	47	67	75	74	71	56	68	66.9	
	Minimum ..	30	43	38	46	33	41	59	40	46	36	43	43	40	37	37	43	37	38	40	43	38	32	36	42	43	45	46	50	43	49	47.4
Portland	{ Maximum ..	54	70	57	62	55	65	69	58	64	62	76	59	66	60	52	48	45	56	57	66	63	59	50	59	55	66	62	57	60	3.3	
	Minimum ..	40	43	41	42	42	47	47	45	43	44	42	41	45	42	40	41	38	43	45	43	45	45	45	48	52	49	51	50	50	44.5	
Presque Isle	{ Maximum ..	63	60	60	56	67	70	48	63	63	55	67	55	62	60	60	56	59	47	60	60	67	75	70	66	62	62	62	62	62.2		
	Minimum ..	35	40	31	42	29	41	40	29	42	32	42	41	34	27	26	35	40	40	40	38	36	49	49	45	43	42	53	45	39.5		
Rumford	{ Maximum ..	67	62	60	56	62	70	70	66	59	66	72	51	60	62	56	50	44	52	56	65	70	72	60	60	58	61	62	62	62	62.6	
	Minimum ..	40	44	42	38	34	44	45	40	43	38	48	44	42	34	37	44	39	43	48	50	51	42	48	45	52	54	43	44.3			
Van Buren	{ Maximum ..	65	58	56	52	64	68	63	58	61	59	63	55	49	53	60	58	58	56	46	62	73	75	71	70	56	57	66	68	62.1		
	Minimum ..	26	41	31	40	28	42	40	30	42	40	42	38	36	32	30	39	41	40	35	35	40	43	45	45	42	48	46	39	33		
<i>New Hampshire.</i>																																
Alstead Center	{ Maximum ..	65	64	58	67	65	69	70	71	60	55	65	66	60	50	45	48	58	61	72	67	61	76	76	65	67	60	80	75	63	64.3	
	Minimum ..	47	50	41	44	45	48	48	47	43	38	40	45	43	42	40	40	41	43	44	43	47	53	50	47	52	56	53	45	56	45.6	
Bethlehem	{ Maximum ..	76	69	55	61	63	67	69	60	59	58	67	56	57	58	52	55	52	50	52	59	63	70	62	74	71	62	79	67	59	62.6	
	Minimum ..	38	47	31	38	36	48	46	36	41	27	41	32	38	31	40	38	43	38	37	37	43	44	46	45	40	52	45	41	43.3		
Concord	{ Maximum ..	73	63	67	66	62	75	75	74	61	60	74	59	67	68	54	49	47	53	59	67	72	55	75	80	69	72	59	84	66	66.2	
	Minimum ..	35	45	39	46	39	44	44	43	44	38	51	44	40	38	43	43	43	38	36	42	44	42	45	46	48	55	56	53	44.7		
Franklin	{ Maximum ..	77	71	64	66	66	75	78	77	94	61	76	66	69	70	60	63	53	46	53	59	62	74	74	64	73	68	68	67	68.7		
	Minimum ..	33	44	35	46	36	44	42	38	50	34	47	44	32	33	34	36	46	43	41	36	36	42	42	45	48	44	43	54	43.1		
Hanover	{ Maximum ..	73	67	55	64	67	74	74	62	63	58	61	66	67	66	67	56	50	46	46	62	73	71	64	79	78	63	72	84	66.1		
	Minimum ..	38	47	33	45	35	50	43	39	46	30	50	43	33	32	47	43	43	41	40	36	36	42	45	49	47	52	56	59	53	43.5	
Nashua	{ Maximum ..	72	72	68	69	72	70	72	70	60	76	74	70	68	64	50	52	55	60	70	72	66	74	82	76	70	78	84	79	70	68.3	
	Minimum ..	36	46	42	52	43	44	47	46	52	36	52	48	41	33	48	45	44	46	46	46	46	46	54	52	47	55	56	58	46.7		
Plymouth	{ Maximum ..	73	60	63	64	66	73	74	73	60	62	61	65	68	56	50	45	45	53	64	73	74	61	74	81	78	74	77	64	66.3		
	Minimum ..	32	45	38	46	31	46	33	35	41	34	46	44	33	30	43	42	42	42	39	35	45	40	47	49	48	41	54	52	57	51	42.4
<i>Vermont.</i>																																
Burlington	{ Maximum ..	71	62	50	57	68	69	68	66	54	57	65	60	60	55	64	51	51	50	58	69	70	55	71	67	66	68	80	72	61	62.9	
	Minimum ..	45	36	36	41	52	43	48	38	41	30	47	42	38	35	46	51	43	41	42	47	44	53	51	44	44	55	55	53	44.9		
Enosburg Falls	{ Maximum ..	63	60	48	40	62	62	62	64	64	54	65	55	57	55	57	57	57	54	56	67	67	67	75	55	58	60	56	57	60.6		
	Minimum ..	12	43	28	51	30	49	43	30	46	24	50	40	33	26	37	49	45	42	48	33	40	40	50	54	46	38	57	56	56	42.4	
Northfield	{ Maximum ..	71	64	52	59	64	69	70	64	56	57	58	50	59	51	53	50	49	51	56	58	69	70	56	72	69	70	58	62.4			
St. Johnsbury	{ Maximum ..	74	69	58	58	65	73	72	61	63	71	68	61	65	63	53	54	53	54	63	73	74	71	80	78	66	73	84	79	70	67.3	
	Minimum ..	38	51	40	41	32	51	45	34	39	28	45	42	32	30	38	44	43	41	41	47	49	45	43	58	56	49	54	56	49.5		
Wells	{ Maximum ..	70	65	55	60	66	68	65	62	58	54	64	60	52	58	55	58	52	50	48	55	58	65	70	62	65	61	62	65.1			
<i>Massachusetts.</i>																																
Amherst	{ Maximum ..	70	66	62	66	68	74	64	74	60	72	70	64	57	64	54	42	54	42	46	47	54	51	50	58	52	57	55	53	45.7		
	Minimum ..	40	44	39	46	42	51	51	49	42	36	50	45	45	46	42	37	46	45	46	47	50	54	51	44	44	55	55	53	45.7		
Blue Hill	{ Maximum ..	64	70	67	69	53	67	67	61	62	58	76	66	67	55	57	55	57	54	56	63	66	60	65	57	55	58	57	56	44.0		
	Minimum ..	39	42	47	46	43	49	51	50	50	39	48	47	42	45	42	41	42	42	48	39	37	45	42	45	46	48	55	56	54	45.9	
Boston	{ Maximum ..	70	75	67	72	53	69	71	67	63	78	65	71	71	54	57	55	58	56	57	67	65	71	56	67	75	73</					

Total Precipitation, Inches, May, 1916.



MAY, 1916.

Daily Precipitation for May, 1916—Continued from page 37.

Except as otherwise indicated observations are generally made late in the afternoon, near sunset, and precipitation recorded is for the 24 hours ending at the time of observations.

** Regular Weather Bureau station; precipitation is for the 24-hour period, midnight to midnight.

*** Regu observations. T. Precipitation is less than 0.01 inch rain or melted snow.

* Precipitation indicated in that of following day.

Recipients indicated in that of following day.
11 Peconic River dredges of these stations are as follow: Bakers Bridge, South Lincoln, Mass.; Lake Cochituate and Spot Pond, Metropolitan Water Board, Ashburton Place, Boston, Mass.; Lake Konanquash, New London Water Works, New London, Conn.

Comparative Data for New England for May.